## What is claimed is:

## 1. A servo device, comprising:

means for detecting and comparing sizes of sub-spots being irradiation ranges of sub-beams irradiated to an optical disc when one sub-beam is defocused on a positive position with respect to the optical disc and another sub-beam is defocused on a negative position with respect to the optical disc at a time of irradiating a main beam and the two sub-beams to the optical disc, detecting a focus error signal associated with the optical disc, and performing a focus control operation.

- 2. The servo device as set forth in Claim 1, wherein said means detects and compares a light intensity balance of a main spot being an irradiation range of the main beam and light intensity balances of sub-spots being irradiation ranges of the sub-beams, detects a tracking error signal associated with the optical disc of the main beam, and performs a tracking control operation.
- 3. The servo device as set forth in Claim 1, wherein said means comprises:

two sub-photo detectors for detecting intensity distributions of reflected light elements associated with the sub-beams, and outputting sub-beam intensity signals;

focus error signal generation means for comparing one sub-beam intensity signal with another sub-beam intensity signal, and generating and outputting the focus error signal; and

focus control means for controlling a focus of the main beam for the optical disc on the basis of the focus error signal.

- 4. The servo device as set forth in Claim 3, wherein said means detects and compares a light intensity balance of a main spot being an irradiation range of the main beam and light intensity balances of sub-spots being irradiation ranges of the sub-beams, detects a tracking error signal associated with the optical disc of the main beam, and performs a tracking control operation.
- 5. The servo device as set forth in Claim 3, further comprising:
- a main photo detector for detecting an intensity distribution of reflected light of the main beam and outputting a main beam intensity signal;

tracking error signal generation means for comparing the main beam intensity signal with the sub-beam intensity signals, and generating and outputting a tracking error signal; and

tracking control means for controlling a tracking operation for the main beam on the optical disc on the basis of the tracking error signal,

wherein the sub-photo detectors include a plurality of photodiodes so that light intensities associated with subspots on both sides of a boundary based on a direction of a linear velocity of the optical disc can be detected.

6. The servo device as set forth in Claim 3, wherein each of the sub-photo detectors comprises:

a photodiode on which at least three rectangular light receiving areas are arranged on the same plane, long-length sides of the light receiving areas being parallel with each other and a shift direction of reflected light of each of the sub-beams irradiated to the photodiode according to a wavelength change of the laser light element.

- 7. The servo device as set forth in Claim 6, wherein said means detects and compares a light intensity balance of a main spot being an irradiation range of the main beam and light intensity balances of sub-spots being irradiation ranges of the sub-beams, detects a tracking error signal associated with the optical disc of the main beam, and performs a tracking control operation.
- 8. The servo device as set forth in Claim 6, further comprising:

a main photo detector for detecting an intensity distribution of reflected light of the main beam and outputting a main beam intensity signal;

tracking error signal generation means for comparing the main beam intensity signal with the sub-beam intensity signals, and generating and outputting a tracking error signal; and

tracking control means for controlling a tracking operation for the main beam on the optical disc on the basis of the tracking error signal,

wherein the sub-photo detectors include a plurality of photodiodes so that light intensities associated with subspots on both sides of a boundary based on a direction of a linear velocity of the optical disc can be detected.

- 9. The servo device as set forth in Claim 1, wherein the main beam and two sub-beams are split and generated as diffracted light elements when a single laser light element is diffracted by a diffraction grating.
- 10. The servo device as set forth in Claim 9, wherein said means detects and compares a light intensity balance of a main spot being an irradiation range of the main beam and light intensity balances of sub-spots being irradiation ranges of the sub-beams, detects a tracking error signal associated with the optical disc of the main beam, and performs a tracking control operation.
- 11. The servo device as set forth in Claim 9, further comprising:

a main photo detector for detecting an intensity distribution of reflected light of the main beam and outputting a main beam intensity signal;

tracking error signal generation means for comparing the main beam intensity signal with the sub-beam intensity signals, and generating and outputting a tracking error signal; and

tracking control means for controlling a tracking operation for the main beam on the optical disc on the basis of the tracking error signal,

wherein the sub-photo detectors include a plurality of photodiodes so that light intensities associated with subspots on both sides of a boundary based on a direction of a linear velocity of the optical disc can be detected.

12. A method for performing a focus control operation for an optical disc, comprising the steps of:

irradiating a main beam and two sub-beams to the optical disc, defocusing one sub-beam on a positive position with respect to the optical disc, and defocusing another sub-beam on a negative position with respect to the optical disc;

detecting intensity distributions of reflected light elements of the sub-beams and outputting sub-beam intensity signals;

comparing one sub-beam intensity signal with another sub-beam intensity signal and generating a focus error signal; and

performing the focus control operation for the main beam on the optical disc on the basis of the focus error signal.

- 13. The method as set forth in Claim 12, wherein the main beam and sub-beams are split and generated as diffracted light elements when a single laser light element is diffracted by a diffraction grating.
- 14. A device for recording/reproducing information of an optical disc using a main beam, comprising:

an optical pick-up device having an object lens for irradiating the main beam and sub-beams to the optical disc, defocusing one sub-beam on a positive position with respect to the optical disc, defocusing another sub-beam on a negative position with respect to the optical disc, and receiving and projecting reflected light elements of the main beam and sub-beams; and

a servo device for detecting and comparing sizes of two sub-spots being irradiation ranges of the sub-beams for the

optical disc and performing a focus control operation for the main beam on the optical disc.

- 15. The device as set forth in Claim 14, wherein the optical pick-up device comprises:
- a light source for projecting a single laser light element; and
- a diffraction grating for splitting the laser light element into the main beam being a 0-order light element and the sub-beams being +1st-order light elements.
- 16. The device as set forth in Claim 15 , wherein the diffraction grating is an off-axis hologram.
- 17. The device as set forth in Claim 14, wherein the servo device comprises:

two sub-photo detectors for detecting intensity distributions of reflected light elements of the sub-beams, and outputting sub-beam intensity signals;

focus error signal generation means for comparing the one sub-beam intensity signal with another sub-beam intensity signal, and generating and outputting the focus error signal; and

focus control means for controlling a focus of the main beam for the optical disc on the basis of the focus error signal.